

ANNE GOODWIN CRUMP*
VINCENT J. CURTIS, JR.
PAUL J. FELDMAN*
RICHARD HILDRETH
EDWARD W. HUMMERS, JR.
FRANK R. JAZZO
KATHRYN A. KLEIMAN
BARRY LAMBERGMAN
PATRICIA A. MAHONEY
M. VERONICA PASTOR*
GEORGE PETRUTSAS
LEONARD R. RAISH
JAMES P. RILEY
MARVIN ROSENBERG
LONNA M. THOMPSON
KATHLEEN VICTORY*
HOWARD M. WEISS

*NOT ADMITTED IN VIRGINIA

FLETCHER, HEALD & HILDRETH

ATTORNEYS AT LAW

11th FLOOR, 1300 NORTH 17th STREET

ROSSLYN, VIRGINIA 22209

P. O. BOX 33847

WASHINGTON, D.C. 20033-0847

(703) 812-0400

TELECOPIER

(703) 812-0486

PAUL D.P. SPEARMAN
(1936-1982)
FRANK ROBERSON
(1936-1981)

RETIRED
RUSSELL ROWELL
EDWARD F. KENEHAN
ROBERT L. HEALD
FRANK U. FLETCHER

OF COUNSEL
EDWARD A. CAINE*

SPECIAL COUNSEL
CHARLES H. KENNEDY*

WRITER'S NUMBER
(703) 812-

0471

RECEIVED
FEB 22 1994
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

February 22, 1994

BY HAND DELIVERY

Mr. William F. Caton
Acting Secretary
Federal Communications Commission
1919 M Street, N.W., Room 222
Washington, D.C. 20554

Re: Petition for Rulemaking
of Muscatine Communications, Inc.
for Proposed New FM Service to
Muscatine, Iowa

Dear Mr. Caton:

Transmitted herewith on behalf of Muscatine Communications, Inc., licensee of KWPC(AM), are an original and four copies of its Petition for Rulemaking.

Should any questions arise concerning this matter, please communicate with the undersigned.

Very truly yours,

FLETCHER, HEALD & HILDRETH

Howard M. Weiss

Howard M. Weiss
Counsel for
Muscatine Communications, Inc.

HMW/bi
Enclosures

No. of Copies rec'd
List A B C D E
MNB
4

ORIGINAL

DOCKET FILE COPY ORIGINAL

BEFORE THE

Federal Communications Commission

WASHINGTON, D.C. 20554

RECEIVED

FEB 22 1994

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

In the Matter of

Amendment of Section 73.202(b),
Table of Allotments
FM Broadcast Stations

Muscatine, IA

MM Docket No. _____

RM- _____

To: Acting Chief, Allocations Branch

PETITION FOR RULEMAKING

Muscatine Communications, Inc. ("Petitioner"), by its counsel, hereby respectfully requests the Commission to institute rulemaking so as to amend Section 73.202(b), Table of Allotments, FM Broadcast Stations, to allot Channel 226A (93.1 MHz) to Muscatine, IA, as an additional local FM broadcast service for this community.


Petitioner believes this allotment may be made without moving or deleting any other existing FM Channel and, as restricted in this proposal, will meet all required mileage separations.

When the allotment of Channel 226A is made to Muscatine, Iowa, Petitioner intends to apply for a construction permit promptly. If it is awarded, Petitioner will timely construct the proposed facility.

Accordingly, the Table of Allotments should be modified as follows:

	<u>PRESENT</u>	<u>PROPOSED</u>
Muscatine, Iowa	259C1	226A, 259C1

Respectfully submitted,
MUSCATINE COMMUNICATIONS, INC.

By: 
Howard Weiss
Its Attorney

February 22, 1994

Fletcher, Heald and Hildreth
1300 North 17th Street
11th Floor
Rosslyn, Virginia 22209
(703) 812-0400

TABLE OF CONTENTS

ENGINEERING STATEMENT CONCERNING THE RULEMAKING OF MUSCATINE COMMUNICATIONS, INC., FOR PROPOSED NEW FM SERVICE TO MUSCATINE, IOWA

PROPOSED: CHANNEL 226A (93.1 MHz) 6 KW
January 24, 1994

- | | |
|--------------------------|---|
| 1. Engineering Statement | |
| 2. Table 1 | - Separation Study |
| 3. Table 2 | - Separation Study,
Muscatine Reference
Coordinates |
| 4. Figure 3 | - Area to Locate |

ENGINEERING STATEMENT

The following Engineering Statement supports the proposed Rulemaking of Muscatine Communications, Inc., licensee of KWPC (AM) Muscatine, IA, and it's proposal to add FM Channel 226A (93.1 MHz) at 6.0 KW as the second local commercial FM service to Muscatine, IA.

This report was prepared by George Nicholas, Broadcast Consultant of Cedar Rapids, IA, retained by Muscatine Communications, Inc.

The reference coordinates for the Rulemaking proposal are:

N. Latitude 41-23-26
W. Longitude 91-07-03

Table 1 of this report is a spacing study using current Class-A 6 KW spacing rules. The reference coordinates show Channel 226A can be added to Muscatine, Ia, without moving or changing any existing channels.

The city reference coordinates for Muscatine, IA, are:


N. Latitude 41-25-00
W. Longitude 91-03-00

Table 2 of this report is a spacing study using the city reference coordinates of Muscatine, IA. It shows shortspacing with KATF, Dubuque, IA (Ch 225, 92.9 MHz).

By moving 6.34 KM (3.9 MI) SW (at an azimuth of 243-degrees T-North) of the city reference coordinates, Channel 226A can be added immediately, without shortspacing, while still providing 70 dBu city-grade coverage to all of Muscatine, as calculated using FCC 50-50 coverage. Therefore, a site restriction of 6.34 KM (3.9 MI) southwest of Muscatine would be necessary.

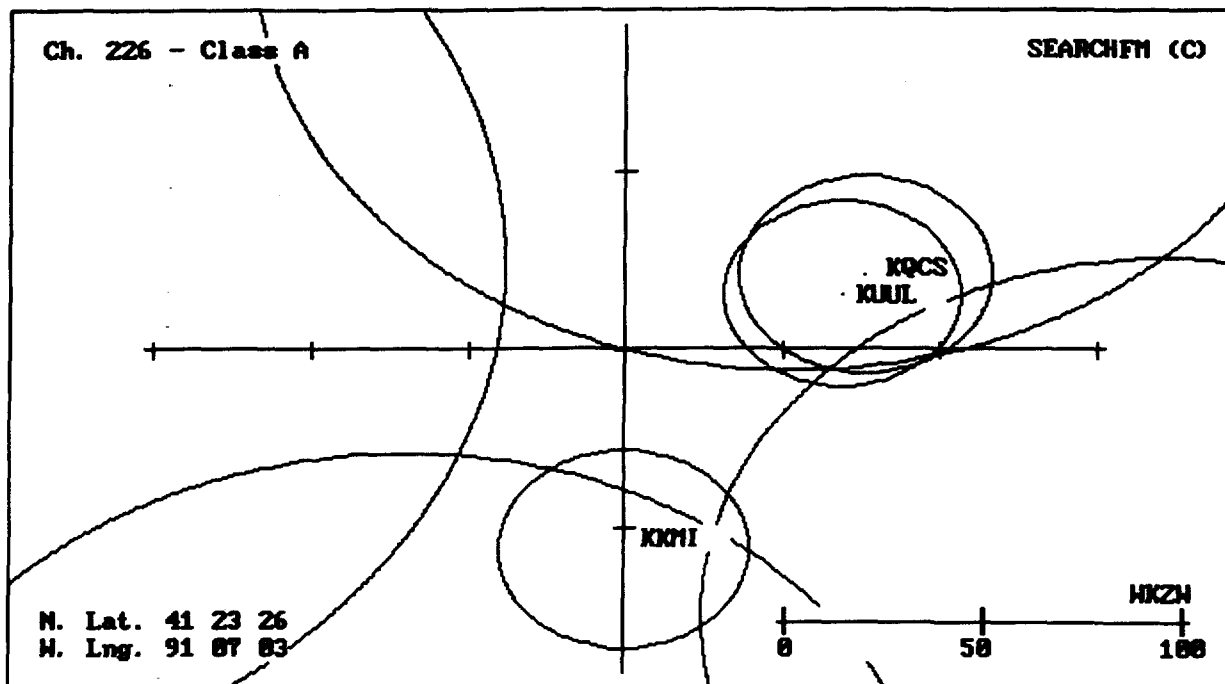
Figure 3 of this report depicts the area to locate map. Included is the area showing the city of Muscatine, and a 16.1 KM (10 MI) arc outlining the area to locate to provide a line-of-site propagation path of 70 dBu (city grade) signal, and the assumed reference site for the proposed Class A operation.

Muscatine is the county seat of Muscatine County in the state of Iowa, with a 1990 Census of Population of 22,881. Muscatine County's 1990 Census of Population is 39,907.

 1/24/94
George Nicholas
Broadcast Consultant
Cedar Rapids, IA

GEORGE NICHOLAS BROADCAST CONSULTANT
3101 FALCON CT. NE - CEDAR RAPIDS IA. 52402

Table 1
Page 1



Area to Locate
New FM - Muscatine, IA

Search 01-24-94

Data 11-24-93

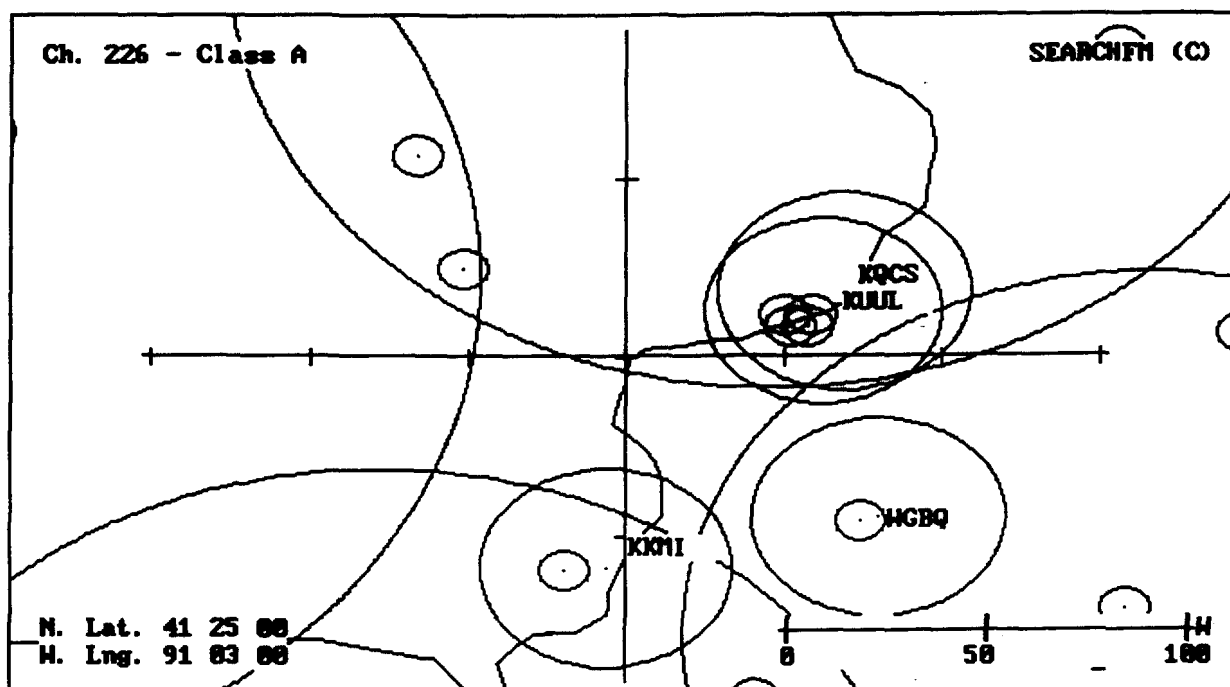
Current rules spacings
CHANNEL 226 - 93.1 MHz

CALL TYPE	CH# LAT	CITY LNG	STATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
KATF	225C1	Dubuque	IA	18.2	133.08	133.0	0.08 <
LI CN	42 31 43	90 36 56	100.000 kW	143M	82.7	82.7	
		Woodward Communications Inc.			BLH801031AI		
KUUL	279C	Davenport	IA	72.0	56.30	29.0	27.30
LI CY	41 32 49	90 28 35	100.000 kW	363M	35.0	18.0	
		Signal Hill Comm., Ia Ltd Prt			BLH821112AR		
KIOAFM	227C	Des Moines	IA	277.8	197.11	165.0	32.11
LI CN	41 37 54	93 27 24	100.000 kW	324M	122.5	102.6	
		Kioa/KMGK, Inc.			BLH870210KD		
KKMI	228A	Burlington	IA	179.9	63.30	31.0	32.30
LI CN	40 49 14	91 07 00	3.000 kW	81M	39.3	19.3	
		Pritchard Broadcasting Compan			BLH811113AM		
KQCS	228A	Bettendorf	IA	68.6	63.55	31.0	32.55
LI CN	41 35 59	90 24 33	3.300 kW	91M	39.5	19.3	
		Eternity Broadcasting, Inc.			BMLH900102KE		
KGRC.C	225C1	Hannibal	MO	198.1	174.14	133.0	41.14
CP CY	39 54 00	91 45 26	49.000 kW	400M	108.2	82.7	

GEORGE NICHOLAS BROADCAST CONSULTANT
3101 FALCON CT. NE - CEDAR RAPIDS IA. 52402

CLASS A

CALL TYPE	CH# LAT	CITY LNG	STATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
Staradio Corporation					BPH890202IC		
WKZW	227B	Peoria	IL	122.3	157.08	113.0	44.08
LI CY	40 38 07	89 32 19	41.000 kW	168M	97.6	70.2	
Midwest Television, Inc.					BLH810206AI		



Area to Locate
New FM - Muscatine, IA

Search 01-24-94

Data 11-24-93

Current rules spacings

CHANNEL 226 - 93.1 MHz

CALL TYPE	CH# LAT	CITY LNG	STATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
KATF LI CN	225C1 42 31 43	Dubuque 90 36 56	IA 100.000 kW	16.3 143M	128.65 80.0	133.0 82.7	-4.35 *
Woodward Communications Inc. BLH801031AI							
KUUL LI CY	279C 41 32 49	Davenport 90 28 35	IA 100.000 kW	73.2 363M	50.05 31.1	29.0 18.0	21.05
Signal Hill Comm., Ia Ltd Prt BLH821112AR							
KQCS LI CN	228A 41 35 59	Bettendorf 90 24 33	IA 3.300 kW	69.2 91M	57.23 35.6	31.0 19.3	26.23
Eternity Broadcasting, Inc. BMLH900102KE							
KKMI LI CN	228A 40 49 14	Burlington 91 07 00	IA 3.000 kW	184.8 81M	66.44 41.3	31.0 19.3	35.44
Pritchard Broadcasting Compan BLH811113AM							
KIOAFM LI CN	227C 41 37 54	Des Moines 93 27 24	IA 100.000 kW	276.8 324M	202.29 125.7	165.0 102.6	37.29
Kioa/KMGK, Inc. BLH870210KD							
WKZW LI CY	227B 40 38 07	Peoria 89 32 19	IL 41.000 kW	124.3 168M	153.91 95.7	113.0 70.2	40.91

GEORGE NICHOLAS BROADCAST CONSULTANT
3101 FALCON CT. NE - CEDAR RAPIDS IA. 52402

CLASS A

CALL TYPE	CH# LAT	CITY LNG	STATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
Midwest Television, Inc.					BLH810206AI		
KGRC.C	225C1	Hannibal	MO	199.6	178.72	133.0	45.72
CP CY	39 54 00	91 45 26	49.000 kW	400M	111.1	82.7	
Staradio Corporation					BPH890202IC		
WGBQ	224A	Galesburg	IL	129.1	80.14	31.0	49.14
LI CN	40 57 43	90 18 30	1.950 kW	113M	49.8	19.3	
Northern Broadcast Group, Inc					BLH790103AA		

FIGURE 3

**KQCS-FM Bettendorf, IA
31 KM**

**KUUL-FM Davenport, IA
29 KM**

16 KM CITY-GRADE LIMIT

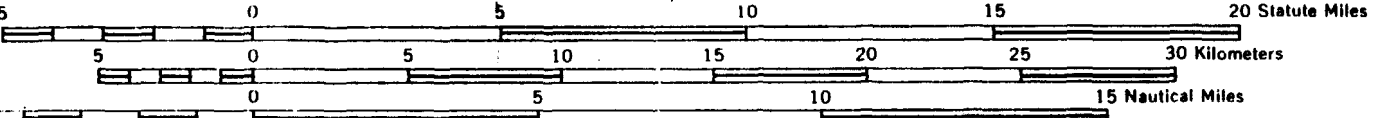
**KATF-FM Dubuque, IA
133 KM**

**City of Muscatine, IA
Reference Coordinates**

PROPOSED SITE

AREA TO LOCATE

Scale 1:250,000



George Nicholas, Broadcast Consultant

**3101 Falcon Ct. NE
Cedar Rapids, IA 52402
(319) 385-9431
January, 1994**

ENGINEERING AFFADAVIT

State of Iowa)
) ss:
County of Linn)

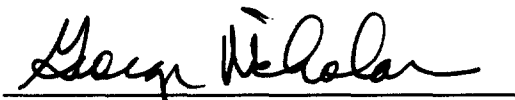
George Nicholas, being duly sworn, deposes and states:

That he is a qualified and experienced broadcast engineer;

That he has been retained by Muscatine Communications, Inc., licensee of KWPC (AM), Muscatine, IA to prepare this Engineering Statement;

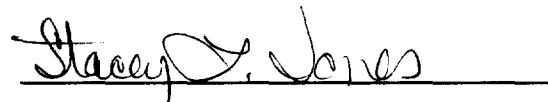
That his qualifications are a matter of record before the Commission, and prior filings with the Federal Communications Commission have received favorable attention;

That he further states that this Engineering Statement was prepared by him or under his direction and is true of his own knowledge, except as to statements made on information and belief, and as to such statements, he believes them to be true.



George Nicholas
Broadcast Technical Consultant

Subscribed and sworn to before me this 24th day of January, 1994:



Notary Public

My Commission Expires 03/17/95